

41792



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Norman G. Anderson

Group Art: 1723

Serial No.: 09/915,291

Examiner: D. Basma

Filed: 27 July 2001

For: METHOD AND APPARATUS FOR
UNLOADING GRADIENTS

INFORMATION DISCLOSURE STATEMENT

RECEIVED

Assistant Commissioner for Patents

FEB 20 2002

Washington, D.C. 20231

TC 1700

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicant brings the disclosures attached and listed on the completed Form PTO-1449 filed concurrently herewith to the attention of the Examiner and requests that the references be considered and made of record in the instant application. Copies of all listed references are to be found in the parent application at Ser. No. 09/628,340.

The providing of the attached documents is not to be construed as an admission that such references are available as effective references as to the instant application. Applicant reserves the right to take any action that would be appropriate to remove any listed document as a competent reference against the instant application.

Respectfully submitted,

Dean H. Nakamura

Reg. No. 33,981

Roylance, Abrams, Berdo & Goodman, L.L.P.
1300 19th Street, N.W., Suite 600
Washington, DC 20036
(202) 659-9076
Dated: 15 February 2002

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)ATTY. DOCKET NO.
41792SERIAL NO.
09/915,291APPLICANT
Norman G. ANDERSONFILING DATE
27 July 2001GROUP
1723

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JIP</i>		3	9	8	1	8	0	4	19 Sept 1976	Gigliello			
<i>FEB 15 2002</i>		4	9	1	7	8	0	1	17 Apr 1990	Luderer & Smith		RECEIVED	
<i>TRADEMARK OFFICE</i>		4	3	4	6	6	0	8	31 Aug 1982	Olenick & Lorenz		<i>FEB 20 2002</i>	
													<i>TC 1700</i>

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Anderson et al., <u>Analytical Techniques for Cell Fractions: VII, A Simple Gradient-Forming Apparatus, Anal Biochem</u> (1967) 21:259-265.
	Atherton et al., <u>Chromatography and Zonal Centrifugation: Predictions of the Optimum Initial Chamber Compositions of a Multichambered Concentration and Density Gradient Device, Anal Biochem</u> (1972) 49:326-335.
	Ayad et al., <u>A Simple Method for the Production of Accurate Linear Gradients Using a Constant-Speed Peristaltic Pump. Anal Biochem</u> (1968) 22:533-535.
	Birnie et al., <u>A Simple Density-Gradient Engine for Loading Large-Capacity Zonal Ultracentrifuge Rotors. Anal Biochem</u> (1968) 22:171-174.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PATENT & TRADEMARK OFFICE

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY. DOCKET NO. 41792		SERIAL NO. 09/915,291		
				APPLICANT Norman G. ANDERSON				
				FILING DATE 27 July 2001		GROUP 1723		
U.S. PATENT DOCUMENTS								
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RECEIVED								
FEB 20 2002								
TC 1700								
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u>
								YES NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)								
		Clark et al., <u>Hydrostatically Balanced Gradient-Formers: Programming of Gradients.</u> <i>Anal Biochem</i> (1980) 103:94-100.						
		Coombs et al., <u>Generating Sucrose Gradients in Three Minutes by Tilted Tube Rotation.</u> <i>Anal Biochem</i> (1985) 148:254-259.						
		Corless JM., <u>Simple and Inexpensive Fabrication of Small-Volume Density Gradients.</u> <i>Anal Biochem</i> (1978) 84:251-255.						
		Gordon et al., <u>A Simple Design of an Apparatus for the Generation of Sucrose Gradients for Large-Scale Zonal Separation of Ribosomal Subunits.</u> <i>Anal Biochem</i> (1977) 83:763-766.						
EXAMINER						DATE CONSIDERED		
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Sheet 3 of 7

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u>
							YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Gropper et al., <u>Band-Forming Caps for the Layering of Sample in Swinging-Bucket Rotors</u> . <i>Anal Biochem</i> (1966) 16:171-176.
	Henderson AR., <u>A Constant-Volume Device for Preparing Isokinetic Sucrose Density Gradients</u> . <i>Anal Biochem</i> (1969) 27:315-318.
	Hopkins TR., <u>Another Density Gradient Fractionator</u> . <i>Anal Biochem</i> (1973) 53:339-341.
	Lange et al., <u>A Semiautomated System for the Production and Analysis of Sucrose Density Gradients</u> . <i>Anal Biochem</i> (1974) 59:129-145.

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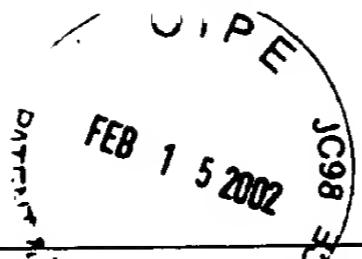
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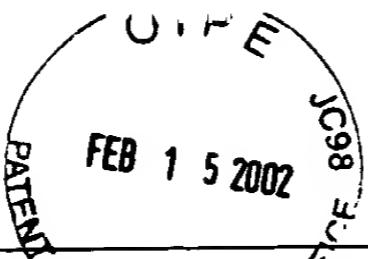
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

		Leif RC., <u>Density Gradient System: I. Formation and Fractionation of Density Gradients.</u> <i>Anal Biochem</i> (1968) 25:271-282.
		Liedtke et al., <u>An Apparatus for Density Gradient Forming and Nonpuncturing Fractionation.</u> <i>Anal Biochem</i> (1974) 62:377-385.
		Luthe DS., <u>A Simple Technique for the Preparation and Storage of Sucrose Gradients.</u> <i>Anal Biochem</i> (1983) 135:230-232.
		Margolis J., <u>A Versatile Gradient-Generating Device.</u> <i>Anal Biochem</i> (1969) 27:319-322.

EXAMINER	DATE CONSIDERED
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)							
		Sartory et al., <u>Design of a Generalized n-Solute Mixing-Chamber Gradient Generator.</u> Anal Biochem (1978) 88:539-551.					
		Shearer G., <u>A Syringe-Based Gradient Former for Linear and Exponential Gradients.</u> Anal Biochem (1994) 221:397-400.					
		Sheeler et al., <u>Method and Apparatus for Producing and Collecting a Multiplicity of Density Gradients.</u> Anal Biochem (1978) 87:612-621.					
		Siakotos et al., <u>New Loading System for Preparing Density Gradients for Swinging-Bucket Rotors Using Programmed Gradient Pumps.</u> Anal Biochem (1971) 43:32-41.					
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Sheet 7 of 7